

Substance Details Report

January 9, 2017

Core Metadata

Substance Type	Chemical Substance	Internal Tracking Number	38455
EPA Registry Name	Ethyl acetate	Substance Status	Approved
EPA Registry Name List	Chemical Identification		
Systematic Name	Acetic acid ethyl ester		
Systematic Name List	Chemical Abstracts Index Name		
Preferred Acronym			
CAS Number	141-78-6		
EPA Identification Number			
TSN Number			
Kingdom			
ICTVDB			
Molecular Formula	C4H8O2		
Molecular Weight	88.11		
Comment/Description			

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation	Notation Type
<chem>O=C(OCC)C</chem>	SMILES

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Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Ethyl acetate	Valid		
CAA 111	Ethyl acetate	Valid	01/05/1981	
CERCLA	Acetic acid, ethyl ester	Valid		
CERCLA	Ethyl acetate	Valid		
CWA 304B	Ethyl acetate	Valid		
FIFRA-Inerts	Ethyl acetate	Valid		
RCRA F Waste	Ethyl acetate	Valid		
RCRA U Waste	Ethyl acetate	Valid	11/25/1980	
RCRA U Waste	Acetic acid ethyl ester	Valid	11/25/1980	
SARA 110	Acetic acid, ethyl ester	Valid	10/17/1990	10/17/1991
SARA 110	Ethyl acetate	Valid	10/17/1990	10/17/1991
TSCA 8A PAIR	Ethyl acetate	Valid	09/30/1991	05/15/2002
TSCA Inv	Acetic acid ethyl ester	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	Acetic acid ethyl ester	Valid		
AQS	Ethyl acetate	Valid		
CAMEO Chemicals	Ethyl acetate	Valid		
CERCLIS3	Ethyl acetate	Valid		
CORR	Ethyl acetate	Valid		
ECOTOX	Acetic acid ethyl ester	Valid		
ECOTOX	Essigsureethyl ester	Valid		
ECOTOX	Ethyl acetate	Valid		
ERNS	Acetic acid, ethyl ester	Valid		
ERNS	Ethyl acetate	Valid		
GCES	Acetic acid ethyl ester	Valid		

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EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
HPVC List	Acetic acid, ethyl ester	Valid		
HPVIS	Acetic acid ethyl ester	Valid		
ICIS	Ethyl acetate	Valid		
ICIS	Ethyl ethanoate	Valid		
ICIS-Air	Ethyl acetate	Valid		
IRIS	Ethyl acetate	Valid		
MTL96	Acetic acid, ethyl ester	Valid		
OPPIN	Ethyl acetate	Valid		
PCS	Ethyl acetate	Valid		
STORET	Ethyl acetate	Valid		
TSCATS	Acetic acid ethyl ester	Valid		
WQX	Ethyl acetate	Valid		
Other Sources				
Other Sources	Synonym	Synonym Quality	Effective Date	End Date
ATSDR	Acetic acid, ethyl ester	Valid		
CA Index	Acetic acid ethyl ester	Valid		
CUS02	Acetic acid ethyl ester	Valid		
CUS86	Acetic acid ethyl ester	Valid		
CUS90	Acetic acid ethyl ester	Valid		
CUS94	Acetic acid ethyl ester	Valid		
CUS98	Acetic acid ethyl ester	Valid		
ChemIDStd	Ethyl acetate	Valid		
FDA	ETHYL ACETATE	Unknown		
HSDB	Ethyl acetate	Valid		
ITER	Ethyl acetate	Valid	12/19/2014	
MTL	Ethyl acetate	Valid	01/01/1991	
NJ-RTK-HS	Ethyl acetate	Valid		

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Other Sources	Synonym	Synonym Quality	Effective Date	End Date
NTP Chemical Repository	Ethyl acetate	Valid		
SDWIS-Enviro	Ethyl acetate	Valid		

Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
RSL	Ethyl Acetate	Unknown		
WDNR	Ethyl acetate	Unknown	03/27/2013	

EPA Synonyms

There are no Synonyms of this type.

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Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Listed spent non-halogenated solvents F003 and spent solvent mixtures/blends, and still bottoms from their recovery.				E740571	05/19/1980	
Volatile organic compounds	VOCs			E761346		

Related References

<http://www.osha.gov/dts/sltc/methods/organic/org007/org007.html>
http://www.osha.gov/dts/chemicalsampling/data/CH_239500.html
<http://www.cdc.gov/niosh/ipcsneng/neng0367.html>
<http://nj.gov/health/eoh/rtkweb/documents/fs/0841.pdf>
<http://www.epa.gov/iris/subst/0157.htm>
http://cfpub.epa.gov/ncea/iris/index.cfm?fuseaction=iris.showQuickView&substance_nmbr=0157
<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=141-78-6>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=141-78-6&result=advanced>
<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=76845O8NMZ>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000141786>
https://iter.ctc.com/publicURL/p_report_view_list.cfm?crn=141%2D78%2D6